

12/31/01  
JCS74 U.S. PTO

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PTO/SB/05 (11-00)

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J1036 U.S. PTO  
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12/31/01



## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P13870  
(maximum 12 characters)

First Named Inventor Howard S. David

Title: DISTRIBUTED MEMORY MODULE CACHE PREFETCH

Express Mail Label No. EL821772395US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 25)  
(preferred arrangement set forth below)
  - Cover page
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 6)
5.  Oath or Declaration (Total Pages 5)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies), or  
ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  **Assignment Papers (cover sheet & documents(s))**
10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- b. Power of Attorney
11.  English Translation Document (if applicable)
12.  a. Information Disclosure Statement (IDS)/PTO-1449
- b. Copies of IDS Citations
13.  **Preliminary Amendment**
14.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17.  Other: \_\_\_\_\_

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is  
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an  
assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_  
(or a copy of which is attached).

**19. Correspondence Address**

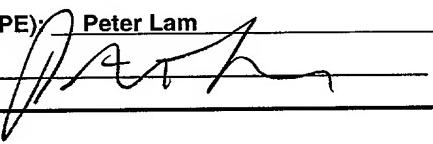
Customer Number or Bar Code Label 008791  
or  
 Correspondence Address Below

NAME Michael J. Mallie  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard  
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Peter Lam Registration No.: 44,855  
Signature:  Date: December 31, 2001

**FEE TRANSMITTAL FOR FY 2002**TOTAL AMOUNT OF PAYMENT (\$) \$950.00

## Complete if Known:

Application No. Unassigned  
 Filing Date Unassigned  
 First Named Inventor Howard S. David  
 Group Art Unit Unassigned  
 Examiner Name Unassigned  
 Attorney Docket No. 42390.P13870

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:  Check  
 Money Order  
 Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	Utility application filing fee	<u>740.00</u>
106	330	Design application filing fee	<u>0</u>
107	510	Plant filing fee	<u>0</u>
108	740	Reissue filing fee	<u>0</u>
114	160	Provisional application filing fee	<u>0</u>

SUBTOTAL (1) \$ 740.00**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims	<u>27</u>	<u>- 20** = 7</u>	X <u>18.00</u> = <u>126.00</u>
Independent Claims	<u>4</u>	<u>- 3** = 1</u>	X <u>84.00</u> = <u>84.00</u>
Multiple Dependent			<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	84	Independent claims in excess of 3
104	280	Multiple dependent claim, if not paid
109	84	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 210.00

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
148	110	248	55
149	740	249	370
179	740	279	370
169	900	169	900
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,280	091	1,280

**Other fee (specify)**

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Peter Lam

**Signature:**  **Date:** December 31, 2001

**Reg. Number:** 44-855 **Telephone Number:** (408) 720-8300

**Reg. Number:** 44,855      **Telephone Number:** (408) 720-8300

**EXPRESS MAIL CERTIFICATE OF MAILING**

"Express Mail" mailing label number: EL821772395US

Date of Deposit: December 31, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to BOX -PATENT APPLICATION Assistant Commissioner for Patents, Washington, D.C. 20231.

RAQUEL TORRES

Name of Person Mailing Paper or Fee

December 31, 2001

Signature of Person Mailing Paper or Fee

Date Signed

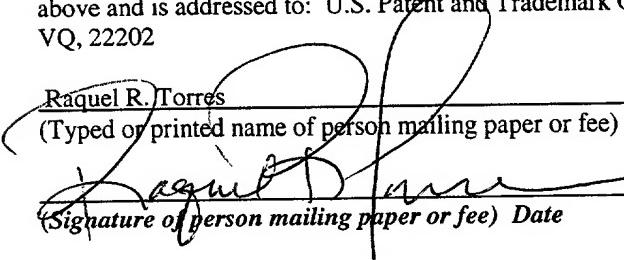
"Express Mail" mailing label number EL821772395US

Date of Deposit: December 31, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: U.S. Patent and Trademark Office, Post Office Box 2327, Arlington, VA, 22202

Raquel R. Torres

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee) Date

Serial/Patent No.: \*\*\* Filing/Issue Date: \*\*  
Client: Intel Corporation  
Title: DISTRIBUTED MEMORY MODULE CACHE PREFETCH

BSTZ File No.: 042390-R 13870 Atty/Secty Initials: MJM/ml/mh

Date Mailed: December 31, 2001 Docket Due Date: \*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment/Response (   pgs.)  Express Mail No.: EL821772395US  Check No. \_\_\_\_\_  
 Appeal Brief (   pgs.) (in triplicate)  \_\_\_\_\_ Month(s) Extension of Time: \_\_\_\_\_ Amt: \_\_\_\_\_  
 Application - Utility (25 pgs., with cover and abstract)  Information Disclosure Statement & PTO 146 (   pgs.)  Check No. \_\_\_\_\_  
 Application - Rule 1.53(b) Continuation (   pgs.)  Issue Fee Transmittal \_\_\_\_\_ Amt: \_\_\_\_\_  
 Application - Rule 1.53(b) Divisional (   pgs.)  Notice of Appeal \_\_\_\_\_  
 Application - Rule 1.53(b) CIP (   pgs.)  Petition for Extension of Time \_\_\_\_\_  
 Application - Rule 1.53(d) CPA Transmittal (   pgs.)  Petition for \_\_\_\_\_  
 Application - Design (   pgs.)  Postcard \_\_\_\_\_  
 Application - PCT (   pgs.)  Power of Attorney (   pgs.)  
 Application - Provisional (   pgs.)  Preliminary Amendment (   pgs.)  
 Assignment and Cover Sheet  Reply Brief (   pgs.)  
 Certificate of Mailing  Response to Notice of Missing Parts \_\_\_\_\_  
 Declaration & POA (5 pgs.)  Small Entity Declaration for Indep. Inventor/Small Business \_\_\_\_\_  
 Disclosure Docs & Qig & Copy of Inventor's Signed Letter (   pgs.)  Transmittal Letter, in triplicate \_\_\_\_\_  
 Drawing: 6 # of sheets includes 6 figures  Fee Transmittal, in duplicate \_\_\_\_\_  
 Other: Express Mail Certificate \_\_\_\_\_